

► **precompliance and diagnostic measurements in development to be carried out fast and precisely to ensure that products are developed in line with EMC standards.**

The new EMC Test Software EMC32 was also on show. It represents a completely new operating philosophy: a single graphical user interface ensures both full control of measuring equipment and accessories as well as monitoring of measurement sequences. Numerous predefined test routines and a configuration tool to integrate the measuring equipment used also facilitate EMS measurements.

**New office in Dubai for enhanced TETRA service in the Middle East**

**R&S BICK Mobilfunk has founded a new office in the Jebel Ali free-trade zone in Dubai, United Arab Emirates. Worldwide, digital trunked radio systems are increasingly being used in the professional mobile radio applications of police forces, fire fighters and rescue services as well as in public transport and major industrial enterprises. Within just a few years, TETRA has established itself as one of the leading technologies in this field. The global market for digital trunked radio solutions has a potential of some DM 40 billion over the next 10 years. Local presence is paramount.**

With this new office the company offers its numerous customers and partners in the Middle East intensified on-site support and service. Workrooms for the technical integration of the TETRA systems as well as comprehensive training and workshop facilities have been provided, plus the number of staff responsible for project management and sales and service has been increased.

**Danish DeTeWe development team adds development capacities for measurement technology**

**Rohde & Schwarz has taken over the development staff of Danish CorTech A/S from DeTeWe AG & Co., Berlin, as of 1 February 2001. All employees will be integrated in the newly founded Rohde & Schwarz Technology Center A/S with headquarters in Pandrup, Denmark.**

In future, the specialists for wireless communication products will develop test solutions for mobile radio. This expansion of development capacities enables Rohde & Schwarz to respond faster to new mobile radio standards and to consolidate its position as the world's leading supplier of test and measurement equipment for mobile radio.

The mobile communication market is progressing continuously. While CDMA, GSM, GPRS, EDGE and Bluetooth are establishing themselves as today's modern wireless communication systems, the new generations UMTS and cdma2000 are already waiting in the wings. Manufacturers of T&M equipment have to be always one step ahead to provide the market with the fundamental technology essential for the development of instruments.

The newly founded technology center will focus on the development of test and measurement solutions for mobile communication. "Especially in the field of new mobile communication standards, we as T&M manufacturers provide the so-called enabling technologies, i.e. the basis for product development", says Michael Vohrer, Executive Vice President of the Test and Measurement Division at Rohde & Schwarz. "That's why we take part already in the definition phase of mobile communication standards, to be able to design

multi-functional measurement instruments for use in development as well as fast customer-specific test equipment for use in production. Founding the Rohde & Schwarz Technology Center allows us to expand these development capacities and so to strengthen our leading position on the world market."

**Basic contract for the delivery of GSM base station testers concluded with Lucent**

**Rohde & Schwarz and Lucent Technologies Network System concluded a basic contract for the delivery of GSM Base Station Testers NetHawk. Over the next five years, and optionally every following year, Lucent will buy these testers exclusively from Rohde & Schwarz for use worldwide. In addition to central coordination and maintenance, Lucent will make use of the possibility of implementing functionality of its own as well as new technologies in the software.**

Base Station Tester NetHawk, a product of the Finnish com-

pany X-Net and marketed by Rohde & Schwarz, consists of a plug-in card for use on notebooks and associated software (photo below). NetHawk enables the installation and maintenance of base stations at minimum measurement effort. If necessary, the results of protocol measurements can be e-mailed to a central station and analyzed. Central software updating and maintenance guarantees identical software versions and measurement routines for all users. Lucent also intends to use the tester for worldwide initialization and startup of the new generation of GSM base stations.

**Germany's first public TETRA mobile radio network provided by R&S BICK Mobilfunk**

**The Hamburg service provider RegioCall Mobilfunk GmbH has awarded R&S BICK Mobilfunk GmbH, a subsidiary of Rohde & Schwarz, a contract for the supply of a TETRA mobile radio network ACCESSNET™-T. The system will first operate in the Hamburg port area and later**



Photo 433368/9





Crowds at the high-tech day at the Memmingen plant



cover the entire city. Logistics and security companies as well as courier services and other enterprises will then benefit from a powerful and individually adaptable professional mobile radio solution.

At the first stage the mobile radio network will cover the port of Hamburg with TETRA base stations DSS-500 in the frequency range 410 MHz to 430 MHz. After the test phase, which started in December 2000, the network went into operation at the beginning of 2001. By mid-2001 further base stations will be added to the system. The ACCESSNET™-T TETRA network will then cover the entire city of Hamburg, the port being the focus of coverage.

RegioCall has Germany's first public TETRA network based on ACCESSNET™-T. Thanks to the system's adaptability, users can even incorporate their specific solutions such as accounting or GPS systems and dispatcher services into the radio network.

#### High-tech day at Rohde & Schwarz Memmingen plant

**Rohde & Schwarz Messgerätekombi GmbH in Memmingen issued a successful invitation to its technology day on 27 January 2001. More than 1200 visitors came to inform themselves about the latest developments in mobile radio, communications and T&M technology. For Rohde & Schwarz this event was also a new approach to human resources marketing since the Memmingen plant alone has 200 vacancies to fill.**

A guided tour of the plant, talks on topics such as UMTS and various workshops were offered during each three-hour program. The experts clearly and comprehensibly conveyed their knowledge about tomorrow's technologies. Plus, all visitors could get active themselves and prove their skill at inserting miniature components or testing modules. Many visitors seized the opportunity of a personal talk at the information stands where skilled workers, engineers, human resources managers and the plant management were ready to answer questions.

In November 2000, the company launched specific measures to

acquire new staff and organized the first technology day. As a result, twice as many job applications as usual were sent in. Since then, quite a number of employees were taken on. Plant Manager Jürgen Steigmüller is pleased to continue this suc-

cessful development. A decisive factor lies with his own staff: "Our employees convey the pleasure working for Rohde & Schwarz means to them. Only their commitment and genuine enthusiasm made the event such a success."

#### WAP access to Rohde & Schwarz intranet

Easy and convenient access to the inhouse intranet is now available to Rohde & Schwarz employees, even while away. Via the T-D1-W@P intranet access and the Lotus Domino Everyplace Quickstart software, e-mails can be called up and sent as well as schedules and to-do lists prepared and adjusted via WAP mobile or PDA (personal digital assistant).

"Many of our staff dial to the intranet via their laptops to check their e-mails and

appointments", says Wolfgang Ludwig, Head of Data Processing and Information Technology at Rohde & Schwarz. "The WAP access ensures fast and easy use of these services now also directly via WAP mobile or PDA."

A sales cooperation of T-Mobile, IBM and Lotus makes this latest development possible. Within the cooperation the partners defined starter offers for fast mobile access to Lotus applications. The offers are based on existing products of all three companies for mobile data applications.



Photo 43505/5